



Figure 1: Management Unit 28 (Sovereign Harbour)

 Blue: Recycling Extraction Point
 Red: Recycling Deposition Area

The shingle beach is an important method of defence for Sovereign Harbour and its surrounding area. Residential buildings are in close proximity to the shoreline edge. A seawall is present for the southern section of the beach; however, this is short whereas at the northern end the residential property ends on the beach front. The main feature of this management unit is evidently the harbour itself, which causes sediment flow problems resulting in recycling works and dredging in and around the harbour.

This section of beach is managed according to the 'Hold the Line' policy for the next 100 years.

Survey Regime

Survey type	Frequency	Profile spacing/survey extent
Topographic baseline	1 per Phase	50m to MLWS
Topographic interim profile	Spring and Autumn	150m to MLWS
Bathymetry	5 years	50m profiles to 1km offshore
Ortho-photography	5 years	MLW
Aerial photography	Ceased in 2008	MLW
Lidar	Rolling Programme	MLW
Habitat Mapping	5 Years	As Required

Full details of data availability and extents can be found on the Channel Coast Observatory Website (www.channelcoast.org)

Summary of Beach Operations

Date	Operation	Quantity (m ³)	Location/Notes
2006			
October	Beach Maintenance	Unknown	Deposition at Profile 4c01729 (North of Sovereign Harbour entrance)
2005			
January	Beach Maintenance	Unknown	Deposition at Profile 4c01729 (North of Sovereign Harbour entrance)
April	Beach Maintenance	Unknown	Extraction between Profiles 4c01732 & 4c1732B
2004			
March	Beach Maintenance	Unknown	Deposition at Profile 4c01729 (North of Sovereign Harbour entrance)
July	Beach Maintenance	Unknown	Deposition at Profile 4c01729 (North of Sovereign Harbour entrance)
August	Beach Maintenance	Unknown	Deposition at Profile 4c01729 (North of Sovereign Harbour entrance)
December	Beach Maintenance	Unknown	Deposition at Profile 4c01729 (North of Sovereign Harbour entrance)
December	Beach Maintenance	Unknown	Extraction between Profiles 4c01732 & 4c1732B
2003			
January	Beach Maintenance	Unknown	Extraction between Profiles 4c01732 & 4c1732B
April	Beach Maintenance	Unknown	Deposition at Profile 4c01729 (North of Sovereign Harbour entrance)
September	Beach Maintenance	Unknown	Deposition at Profile 4c01729 (North of Sovereign Harbour entrance)

Full details of beach operations can be obtained from Canterbury City Council (strategic.monitoring@canterbury.gov.uk)

Awaiting final approval from the Environment Agency (2010)